

2562-022 PCT/US-1
Amendment dated 07/17/2008

10/541,538
Reply to office action mailed 05/16/2008

03100241aa

The following is a complete listing of all claims in the application, with an indication of the status of each:

Listing of claims:

1 1. (previously presented) A one-piece window frame unit designed to be
2 produced by diecasting and having a structure which defines a main
3 demolding direction for the diecasting procedure, comprising at least one
4 window frame post (6) in combination with a U-shaped guide (8) having two
5 limbs for guiding an edge of a window pane between them, one of said limbs
6 being a left limb corresponding to a left vertical portion of said U-shape and
7 the other of said limbs being a right limb corresponding to a right vertical
8 portion of said U-shape, wherein the limbs extend essentially perpendicular to
9 the main demolding direction, the main demolding direction being determined
10 by ribs (15) in the window frame post (6), the main demolding direction being
11 in the direction of said ribs (15) perpendicular to a plane of said window pane,
12 wherein the left and right limbs are each comprised of sections (9, 10)
13 arranged in an alternating manner along said post so that a cross section of
14 said U-shaped guide alternates between an L-shape and a mirror-L-shape,
15 respectively, corresponding to said U-shape without said right limb and said
16 U-shape without said left limb, respectively, said alternations appearing as
17 said cross section is moved along said U-shaped guide in a direction
18 perpendicular to the main molding direction, there being an interspace at each
19 of said alternations where neither a said corresponding left limb nor a said
20 corresponding right limb appears in the cross section so as to facilitate
21 demolding of said U-shaped guide (8) portion of said window frame unit
22 along a separating surface, said separating surface being a ~~topological~~
23 deformation of a separating plane (14) running essentially parallel to said

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24 window frame plane and lying between said left and right limbs, said
25 separating surface being topologically equivalent to said separating plane (14)
26 and deformed from said separating plane (14) to contain~~defined by~~ said
27 alternating limb sections running along the guide (8), said interspaces serving
28 to facilitate demolding in said demolding direction.

1 2. (previously presented) The one-piece window frame unit as claimed in
2 claim 1, characterized in that the post (6) is provided with ribs (15) pointing in
3 the main demolding direction.

1 3. (currently amended) The one-piece window frame unit as claimed in claim
2 1, characterized in that the sections (9, 10) that are arranged in ~~an~~ said
3 alternating manner have side edges (11, 12) of ~~successive~~ sections (9, 10) on
4 opposite limbs connected by one of said interspaces which are aligned with
5 each other on an interspace plane a straight line (13) within said separating
6 surface, said interspace plane appearing as a straight line (13) in a cross
7 sectional view from above said U-shaped guide.

1 4. (currently amended) The one-piece window frame unit as claimed in claim
2 3, characterized in that in said cross sectional view said straight lines (13)
3 between the side edges (11, 12) in any two successive said interspaces form
4 sides of trapezoidal intermediate spaces between the limbs, ~~the~~ a space
5 between two sections of one of said limbs forming a base of one of said
6 trapezoidal intermediate spaces and a section of the other of said limbs
7 forming ~~the~~ a top of said one of said trapezoidal intermediate spaces.

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1 5. (previously presented) The one-piece window frame unit as claimed in
2 claim 4, characterized in that the angle between the sides of each of said
3 trapezoidal intermediate spaces is between 10° and 45° .

1 6. (previously presented) The one-piece window frame unit as claimed in
2 claim 5, characterized in that the angle between the sides of each of said
3 trapezoidal intermediate spaces is between 30° and 40° .

1 7. (previously presented) The one-piece window frame unit as claimed in
2 claim 6, characterized in that the angle between the sides of each of said
3 trapezoidal intermediate spaces is $35^{\circ} \pm 2^{\circ}$.

1 8. (previously presented) The one-piece window frame unit as claimed in
2 claim 1, characterized in that it is designed for use as one of an A-pillar and a
3 C-pillar of a car door.